



Gas Transportation Management System

Transportation Network Monthly Report

Parameters Entered	
Gas Month	May
Gas Year	2015

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1. Entry Point Energy/Volume of Gas

	Moffat		PTL		Isle of Man	
	Total kWh	Total M3	Total kWh	Total M3	Total kWh	Total M3
01/05/2015	121,507,085	10,438,287.8	58,523,583	5,027,575.2	3,947,968	339,157.4
02/05/2015	115,675,152	9,969,924.2	44,442,022	3,830,412.4	3,193,932	275,281.6
03/05/2015	104,528,656	9,032,038.0	45,303,517	3,914,554.6	2,967,815	256,440.5
04/05/2015	107,501,838	9,235,141.9	45,226,879	3,885,297.4	2,782,385	239,025.5
05/05/2015	120,926,054	10,433,037.1	55,378,813	4,777,872.2	4,161,781	359,062.7
06/05/2015	121,413,979	10,459,262.0	49,428,247	4,258,018.8	3,913,362	337,118.2
07/05/2015	145,520,668	12,501,218.7	49,253,528	4,231,214.0	4,048,029	347,753.1
08/05/2015	155,669,839	13,326,119.6	54,846,226	4,695,112.6	3,817,228	326,774.2
09/05/2015	121,302,273	10,332,227.7	38,111,640	3,246,254.9	2,763,821	235,415.1
10/05/2015	96,736,602	8,281,138.9	29,083,174	2,489,665.5	2,835,823	242,760.9
11/05/2015	96,445,505	8,304,147.6	33,543,942	2,888,199.5	2,666,125	229,558.9
12/05/2015	110,375,899	9,515,590.7	43,239,762	3,727,733.3	2,695,374	232,370.5
13/05/2015	115,352,564	10,023,156.6	46,089,707	4,004,803.0	2,624,434	228,040.9
14/05/2015	132,307,530	11,505,190.6	39,016,017	3,392,752.9	2,665,304	231,769.7
15/05/2015	122,240,385	10,554,440.8	38,610,252	3,333,673.9	2,816,084	243,145.6
16/05/2015	98,463,000	8,510,077.2	32,633,846	2,820,517.2	2,636,607	227,879.8
17/05/2015	104,601,965	9,017,815.5	31,016,769	2,673,979.4	2,758,816	237,840.0
18/05/2015	108,891,992	9,397,161.6	38,079,338	3,286,170.7	4,150,903	358,214.6
19/05/2015	113,368,904	9,758,822.6	39,826,092	3,428,239.6	4,082,836	351,451.6
20/05/2015	133,530,927	11,422,318.3	42,584,731	3,642,724.1	4,062,022	347,467.9
21/05/2015	129,828,777	11,161,609.8	46,605,721	4,006,776.9	4,032,353	346,668.1
22/05/2015	124,035,334	10,687,779.5	45,046,869	3,881,562.9	3,339,943	287,793.7
23/05/2015	111,277,870	9,581,243.3	35,654,851	3,069,953.0	533,913	45,970.9
24/05/2015	99,347,937	8,558,373.5	33,130,379	2,854,031.9	499,386	43,020.1
25/05/2015	104,280,382	8,985,549.7	48,308,338	4,162,594.5	1,422,510	122,574.0
26/05/2015	128,795,740	11,103,579.8	39,333,212	3,390,945.9	3,759,883	324,142.7
27/05/2015	129,768,641	11,176,156.4	41,193,745	3,547,757.5	4,015,370	345,818.1
28/05/2015	123,090,369	10,611,714.7	43,687,703	3,766,349.9	3,855,337	332,371.6
29/05/2015	129,511,511	11,162,465.5	41,635,108	3,588,487.3	3,829,964	330,100.3
30/05/2015	125,928,155	10,850,878.5	33,831,254	2,915,144.5	2,702,555	232,871.8
31/05/2015	107,271,256	9,226,950.8	27,225,988	2,341,846.5	2,660,256	228,822.7
Totals	3,659,496,789	315,123,419.1	1,289,891,253	111,080,222.0	96,242,119	8,286,682.4

	Moffat	
	kWh	M3
Month Min	96,445,505	8,281,138.9
Month Max	155,669,839	13,326,119.6
Month Average	118,048,284	10,165,271.6
YTD Min	77,163,477	6,716,825.7
YTD Max	175,477,373	15,105,134.4
YTD Average	124,720,778	10,750,441.5

Moffat excludes the Isle of Man and Northern Ireland (PTL) flows.

PTL is the Moffat flow for Northern Ireland only.

Isle of Man is the Moffat flow for Isle of Man only.

Currently there are fewer than 3 shippers at Inch. In order to retain Shipper confidentiality, Inch throughput cannot be published.

This situation will be kept under review

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2. Balancing Actions

	Balancing Buy		Balancing Sell	
	kWh	M3	kWh	M3
01/05/2015	0	0.0	0	0.0
02/05/2015	0	0.0	0	0.0
03/05/2015	0	0.0	0	0.0
04/05/2015	0	0.0	0	0.0
05/05/2015	0	0.0	0	0.0
06/05/2015	0	0.0	0	0.0
07/05/2015	0	0.0	0	0.0
08/05/2015	0	0.0	0	0.0
09/05/2015	0	0.0	0	0.0
10/05/2015	0	0.0	0	0.0
11/05/2015	0	0.0	0	0.0
12/05/2015	0	0.0	0	0.0
13/05/2015	0	0.0	0	0.0
14/05/2015	0	0.0	0	0.0
15/05/2015	0	0.0	0	0.0
16/05/2015	0	0.0	0	0.0
17/05/2015	0	0.0	0	0.0
18/05/2015	0	0.0	0	0.0
19/05/2015	0	0.0	0	0.0
20/05/2015	0	0.0	0	0.0
21/05/2015	0	0.0	0	0.0
22/05/2015	0	0.0	0	0.0
23/05/2015	0	0.0	0	0.0
24/05/2015	0	0.0	0	0.0
25/05/2015	0	0.0	0	0.0
26/05/2015	0	0.0	0	0.0
27/05/2015	0	0.0	0	0.0
28/05/2015	0	0.0	5,000,000	431,063.2
29/05/2015	0	0.0	5,000,000	430,968.5
30/05/2015	0	0.0	0	0.0
31/05/2015	0	0.0	0	0.0
Totals	0	0.0	10,000,000	862,031.7

Balancing and Buy and Sell is measured in Energy. Conversion to Volume has been carried out for indicative purposes only using the Average Daily CV at Beattock

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3. Imbalance Price (Excluding Northern Irelands Flows)

Balancing Transportation Cost €/kWh	0.067762
Applicable Second Tier Positive Imbalance Multiplier for this Month	0.95
Applicable Second Tier Negative Imbalance Multiplier for this Month	1.05

	System Marginal Price €/kWh		System Average Price €/kWh	First Tier Price €/kWh		Second Tier Price €/kWh		Total First Tier Cost €		Total Second Tier Cost €	
	Buy	Sell		Buy	Sell	Buy	Sell	Buy	Sell	Buy	Sell
01/05/2015	2.069036	2.015418	2.070185	2.070185	2.070185	2.241456	1.898914	23,112.14	(2,391.17)	921.22	0.00
02/05/2015	2.107253	2.062698	2.109284	2.109284	2.109284	2.282510	1.936058	14,943.34	(13,213.79)	6,758.06	0.00
03/05/2015	2.094379	2.049526	2.096112	2.096112	2.096112	2.268680	1.923544	4,023.43	(44,952.91)	0.00	(4,248.41)
04/05/2015	2.059278	2.013615	2.060202	2.060202	2.060202	2.230974	1.889430	12,603.66	(27,797.92)	4,760.39	(4,009.88)
05/05/2015	2.188435	2.137014	2.183600	2.183600	2.183600	2.360542	2.006658	11,041.31	(59,511.31)	0.00	(2,587.95)
06/05/2015	2.543790	2.206200	2.252787	2.252787	2.252787	2.611552	2.072386	10,172.05	(36,411.74)	1,328.68	(350.07)
07/05/2015	2.297777	2.144224	2.190810	2.190810	2.190810	2.368113	2.013508	13,150.49	(19,690.05)	0.00	0.00
08/05/2015	2.275137	2.203289	2.249875	2.249875	2.249875	2.430131	2.069619	8,298.37	(17,334.85)	2,116.26	0.00
09/05/2015	2.064897	1.967029	2.013615	2.013615	2.013615	2.182058	1.845172	8,654.24	(9,751.45)	0.00	(759.38)
10/05/2015	2.046971	1.949143	1.995730	1.995730	1.995730	2.163279	1.828182	5,863.57	(17,094.47)	0.00	(1,670.03)
11/05/2015	2.243469	2.145194	2.191781	2.191781	2.191781	2.369132	2.014430	4,227.29	(41,407.46)	0.00	(5,782.56)
12/05/2015	2.191932	2.084050	2.130636	2.130636	2.130636	2.304930	1.956342	12,942.55	(14,468.11)	0.00	(990.67)
13/05/2015	2.201003	2.096112	2.142699	2.142699	2.142699	2.317596	1.967802	10,255.75	(20,238.99)	0.00	(607.36)
14/05/2015	2.174250	2.086684	2.133270	2.133270	2.133270	2.307696	1.958844	17,663.20	(10,965.99)	875.22	0.00
15/05/2015	2.123284	2.029699	2.076285	2.076285	2.076285	2.247861	1.904709	6,554.08	(42,427.29)	0.00	(126.61)
16/05/2015	2.118157	2.041900	2.088486	2.088486	2.088486	2.260672	1.916300	4,105.36	(15,245.40)	0.00	(2,121.08)
17/05/2015	2.133288	2.057152	2.103738	2.103738	2.103738	2.276687	1.930789	17,705.56	(3,413.23)	1,841.36	0.00
18/05/2015	2.139202	2.063113	2.109700	2.109700	2.109700	2.282947	1.936453	31,181.46	(3,132.29)	1,352.71	0.00
19/05/2015	2.134653	2.043287	2.089873	2.089873	2.089873	2.262129	1.917617	13,941.98	(7,700.06)	0.00	(6,127.02)
20/05/2015	2.153555	2.043841	2.090428	2.090428	2.090428	2.262711	1.918145	1,687.45	(36,205.97)	0.00	(450.23)
21/05/2015	2.105649	1.979369	2.025955	2.025955	2.025955	2.195015	1.856895	4,815.65	(46,675.12)	0.00	(3,268.82)
22/05/2015	2.080275	1.965642	2.012229	2.012229	2.012229	2.180602	1.843856	3,028.55	(22,337.76)	0.00	(4,826.59)
23/05/2015	2.110000	1.983944	2.030531	2.030531	2.030531	2.199820	1.861242	7,166.72	(26,569.00)	0.00	(3,816.81)
24/05/2015	2.162677	2.021796	2.068382	2.068382	2.068382	2.239563	1.897201	1,161.15	(39,183.63)	0.00	(5,237.18)
25/05/2015	2.159860	2.033026	2.079613	2.079613	2.079613	2.251356	1.907870	11,625.41	(24,542.60)	0.00	(3,636.09)
26/05/2015	2.122041	1.994620	2.041207	2.041207	2.041207	2.211029	1.871385	15,982.64	(3,246.70)	0.00	(760.53)
27/05/2015	2.119943	1.984915	2.031501	2.031501	2.031501	2.200838	1.862164	18,178.64	(4,777.37)	0.00	0.00
28/05/2015	2.093908	1.975071	2.021657	2.021657	2.021657	2.190502	1.852812	1,690.25	(21,780.53)	0.00	0.00
29/05/2015	2.144924	2.045089	2.091675	2.091675	2.091675	2.264021	1.919329	19,824.28	(15,943.33)	2,653.50	(820.78)
30/05/2015	2.106361	2.007376	2.053963	2.053963	2.053963	2.224423	1.883503	17,362.81	(24,209.50)	2,905.99	0.00
31/05/2015	2.100243	2.001276	2.047862	2.047862	2.047862	2.218017	1.877707	32,071.30	(9,414.40)	1,572.06	0.00

First tier Buy/Sell Price = System Average price

Second Tier Sell Price = LOWER OF (System Marginal Sell Price - Balancing Transportation Cost) AND (Applicable Second Tier Positive Imbalance for this Month of the First Tier Sell price - Balancing Transportation Cost)

Second Tier Buy Price = HIGHER OF (System Marginal Buy Price - Balancing Transportation Cost) AND (Applicable Second Tier Negative Imbalance for this Month of the First Tier Buy price - Balancing Transportation Cost)

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4. Gas Consumption by Market Sector

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
01/05/2015	144,182,878	8,269,496	33,922,006
02/05/2015	121,192,946	6,852,597	38,157,541
03/05/2015	121,998,200	5,649,232	24,547,924
04/05/2015	124,943,568	6,529,353	25,018,607
05/05/2015	141,703,651	8,528,863	29,878,369
06/05/2015	133,840,491	8,700,942	32,781,197
07/05/2015	162,876,157	8,469,830	28,798,277
08/05/2015	169,152,715	8,554,762	37,920,871
09/05/2015	131,645,779	6,378,113	25,739,518
10/05/2015	99,213,960	5,929,151	24,593,227
11/05/2015	101,382,682	7,806,846	23,195,060
12/05/2015	125,314,844	8,253,630	24,210,099
13/05/2015	134,882,736	8,110,083	22,168,632
14/05/2015	139,516,376	8,017,085	28,299,271
15/05/2015	128,932,743	7,488,024	26,657,292
16/05/2015	106,650,214	6,246,146	21,909,522
17/05/2015	110,923,595	6,002,784	24,483,813
18/05/2015	116,919,240	8,597,926	28,904,677
19/05/2015	120,218,470	8,876,455	30,062,016
20/05/2015	145,967,693	8,333,239	26,237,534
21/05/2015	150,168,415	7,587,990	22,284,454
22/05/2015	147,258,087	7,111,651	18,710,238
23/05/2015	127,172,895	5,676,934	15,229,829
24/05/2015	112,532,774	5,569,907	14,611,733
25/05/2015	129,332,538	7,649,996	18,010,457
26/05/2015	136,108,060	7,726,543	17,007,835
27/05/2015	127,414,280	8,167,701	21,354,303
28/05/2015	127,297,472	7,636,787	20,460,361
29/05/2015	131,245,773	7,775,338	21,888,213
30/05/2015	114,024,804	6,083,608	21,884,292
31/05/2015	91,593,226	6,029,002	20,525,126
Totals	3,975,607,262	228,610,014	769,452,294

Cleansed Totals	3,977,246,958	231,240,823	764,927,942
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Physical Daily Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
Month Min	91,593,226	5,569,907	14,611,733
Month Max	169,152,715	8,876,455	38,157,541
Month Average	128,245,396	7,374,517	24,821,042
YTD Min	90,160,245	4,815,807	13,700,874
YTD Max	196,142,377	11,185,778	73,463,279
YTD Average	137,405,235	8,212,893	41,789,302
YTD Rolling Total	33,389,472,017	1,995,732,887	10,154,800,269

Cleansed monthly Totals Analysis

	LDM Sector kWh	DM Sector kWh	NDM Sector kWh
YTD Min	3,977,246,958	214,242,048	742,420,029
YTD Max	4,345,335,144	289,318,749	1,817,881,859
YTD Average	4,175,993,482	250,440,710	1,267,544,534
YTD Rolling Total	33,407,947,855	2,003,525,678	10,140,356,274

The LDM value includes the off take at Twynholm (PTL) and Glen Moar (Isle of Man)

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5. Gas Quality

	Barnakyle - Adare (kWh/Nm3)	Ballygarraun Co Galway (kWh/Nm3)	Caherlag Exit Point (kWh/Nm3)	Curraleigh West (kWh/Nm3)	Dublin City (kWh/Nm3)	Gormanston - Node (kWh/Nm3)	Ories (kWh/Nm3)	Springhill - Carlow By Diff. (kWh/Nm3)	Ballyveelish (Clonmel) (kWh/Nm3)
01/05/2015	11.54	11.61	11.50	11.50	11.59	11.60	11.64	11.46	11.52
02/05/2015	11.45	11.62	11.33	11.50	11.58	11.62	11.60	11.58	11.58
03/05/2015	11.55	11.62	11.29	11.50	11.60	11.64	11.58	11.53	11.51
04/05/2015	11.57	11.61	11.31	11.58	11.64	11.64	11.61	11.47	11.51
05/05/2015	11.65	11.61	11.36	11.62	11.59	11.56	11.72	11.58	11.52
06/05/2015	11.58	11.61	11.38	11.62	11.57	11.63	11.53	11.53	11.53
07/05/2015	11.57	11.61	11.45	11.63	11.60	11.59	11.62	11.55	11.60
08/05/2015	11.57	11.53	11.54	11.56	11.60	11.62	11.61	11.62	11.63
09/05/2015	11.61	11.51	11.52	11.61	11.61	11.65	11.59	11.57	11.61
10/05/2015	11.60	11.55	11.47	11.58	11.63	11.68	11.57	11.53	11.62
11/05/2015	11.62	11.62	11.46	11.61	11.66	11.69	11.67	11.57	11.64
12/05/2015	11.57	11.59	11.54	11.63	11.71	11.72	11.75	11.55	11.66
13/05/2015	11.69	11.62	11.57	11.63	11.67	11.62	11.67	11.65	11.66
14/05/2015	11.64	11.64	11.54	11.67	11.60	11.57	11.69	11.66	11.69
15/05/2015	11.66	11.66	11.53	11.66	11.53	11.50	11.59	11.55	11.67
16/05/2015	11.69	11.68	11.57	11.67	11.50	11.49	11.44	11.58	11.57
17/05/2015	11.69	11.72	11.55	11.56	11.50	11.55	11.57	11.48	11.51
18/05/2015	11.56	11.64	11.53	11.56	11.57	11.59	11.49	11.49	11.51
19/05/2015	11.63	11.59	11.47	11.49	11.55	11.59	11.61	11.57	11.53
20/05/2015	11.51	11.50	11.44	11.50	11.59	11.59	11.60	11.55	11.59
21/05/2015	11.51	11.49	11.50	11.54	11.58	11.65	11.55	11.42	11.60
22/05/2015	11.61	11.53	11.52	11.59	11.64	11.67	11.67	11.53	11.61
23/05/2015	11.55	11.59	11.53	11.60	11.63	11.61	11.58	11.55	11.68
24/05/2015	11.65	11.60	11.50	11.64	11.60	11.60	11.74	11.52	11.65
25/05/2015	11.56	11.58	11.54	11.68	11.60	11.61	11.56	11.70	11.62
26/05/2015	11.64	11.62	11.51	11.61	11.59	11.61	11.62	11.51	11.62
27/05/2015	11.67	11.69	11.63	11.59	11.59	11.60	11.57	11.53	11.61
28/05/2015	11.60	11.65	11.62	11.61	11.58	11.60	11.62	11.71	11.61
29/05/2015	11.55	11.61	11.61	11.60	11.59	11.61	11.62	11.55	11.59
30/05/2015	11.60	11.60	11.59	11.58	11.60	11.59	11.55	11.55	11.60
31/05/2015	11.60	11.60	11.60	11.59	11.59	11.61	11.62	11.65	11.60

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6. Scheduling Charges

Category	Tolerance	Notes
Entry	3%	+ MDQ versus EODQ.
LDM Exit	10%	
DM Exit	20%	
NDM Exit	20%	no charges if nominated as instructed.

Charged Levelled at	5% of the balancing gas price
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7. Monthly Shrinkage Total for Transportation

Total Transportation Shrinkage : **75,533,949 kWh**

Transmission Shrinkage % of Entry Throughput was 1.4% for the 12 month period Jun-14 to May-15